

# **TransLink® Regional Fare Payment System Program Director's Report**

Presented to the  
**TransLink® Management Group**  
March 27, 2006

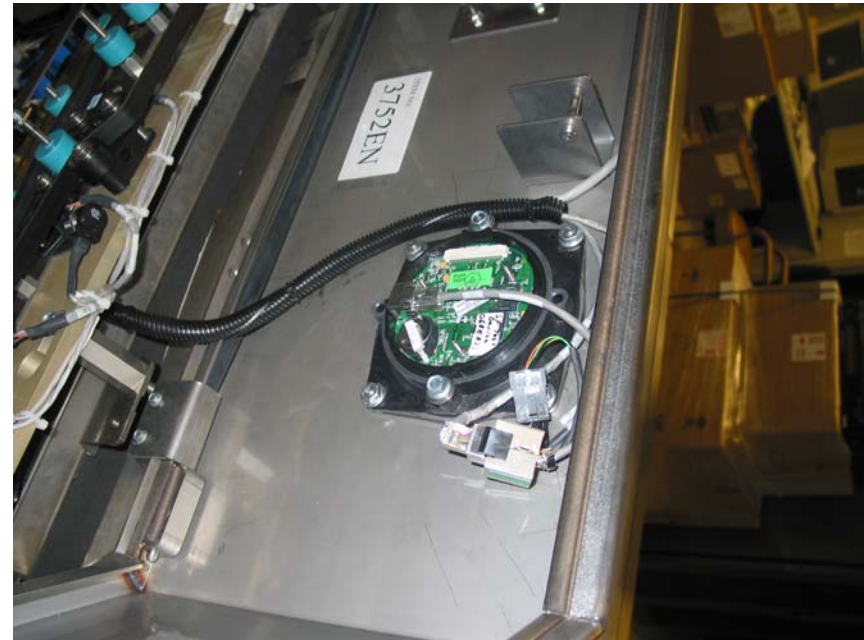
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# I. Executive Summary

## Highlights and Milestones

- The Disaster Recovery Plan was approved
- Motorola/ERG has added several new personnel in order to pick up the pace for AC Transit installation
- AVM cycling test is now finished and this completes the First Article Tests for 2.2
- The First Article Test for the BART faregates was completed in the BART test lab



## Issues and Actions

Topic	Issue	Status / Action
Schedule Delays	Revenue ready dates for several operators continue to be delayed	<ul style="list-style-type: none"><li>• Schedules received February 23<sup>rd</sup> from contractor show AC Revenue Ready at April 27<sup>th</sup> and Golden Gate at June 29<sup>th</sup>. The Golden Gate schedule did not include the savings of one month in training.</li><li>• During the recent program meeting Motorola/ERG noted that the schedule now shows AC Revenue Ready as May 26<sup>th</sup> and Golden Gate as June 8<sup>th</sup>(includes one month of savings).</li><li>• MTC forecast for AC is mid June and for Golden Gate late June.</li><li>• The Motorola/ERG Disaster Recovery Plan was approved</li></ul>
Disaster Recovery	Plan not approved	

### Banking Services

Several TransLink® bank accounts need to be moved from MOT/ERG to a Consortium member

- The new bank accounts with Bank of America have been opened by the Consortium.
- Motorola/ERG personnel have been trained on the B of A system and are beginning to set up the templates. They expect to go live with the B of A system on April 3<sup>rd</sup>.

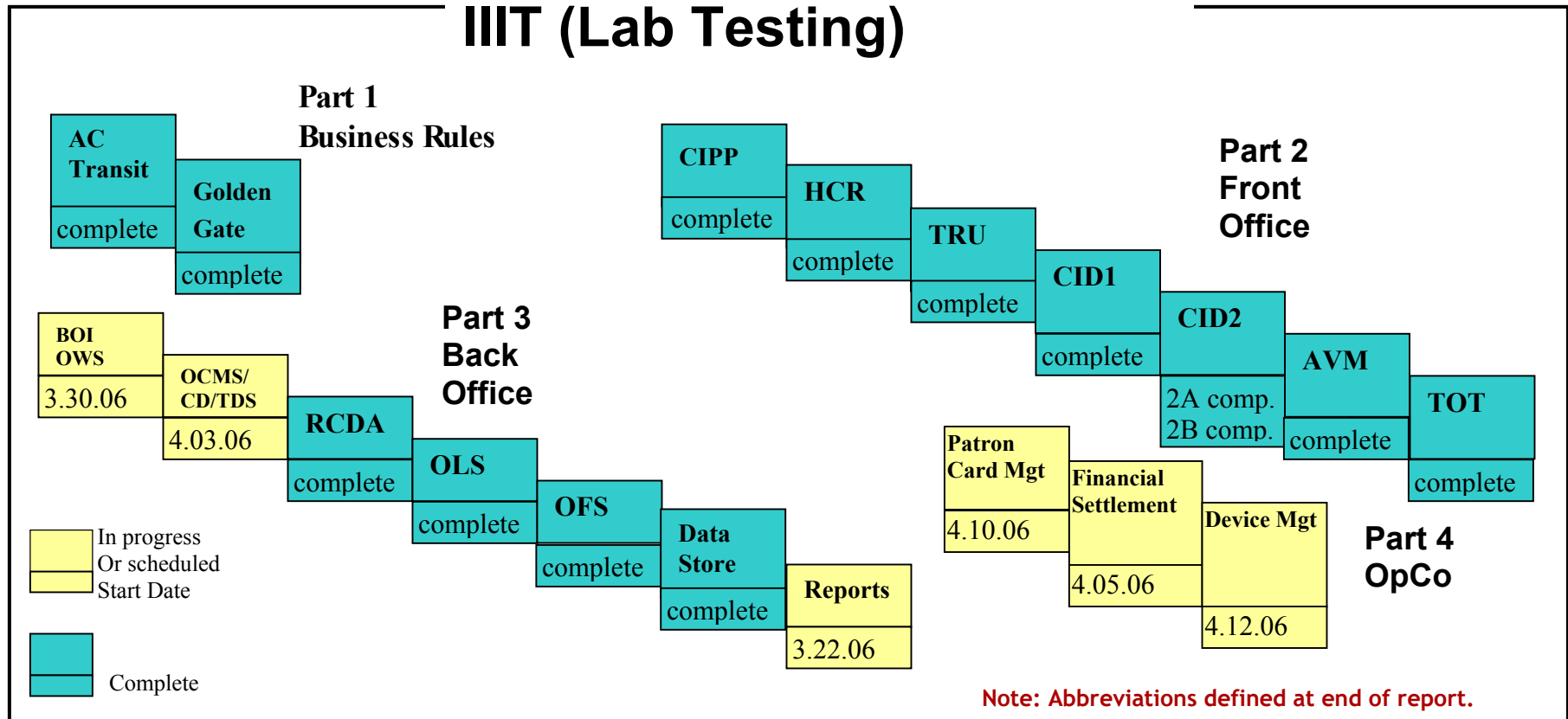
## II. Project Status

### Testing

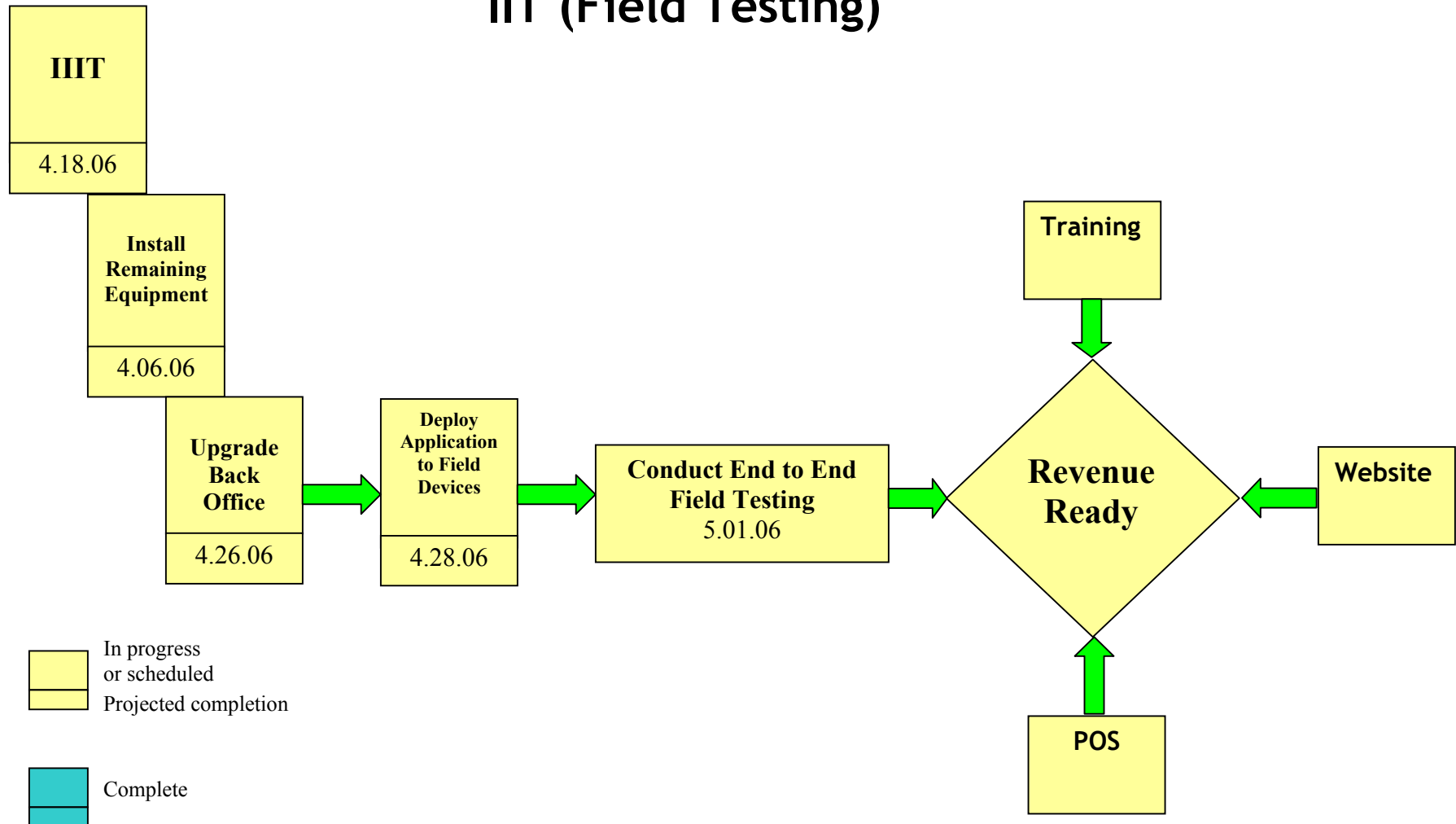
### FAT (First Article Testing)

With the successful conclusion of the AVM cycling test, all First Article Testing is complete.

### IIIT (Lab Testing)



## IIT (Field Testing)

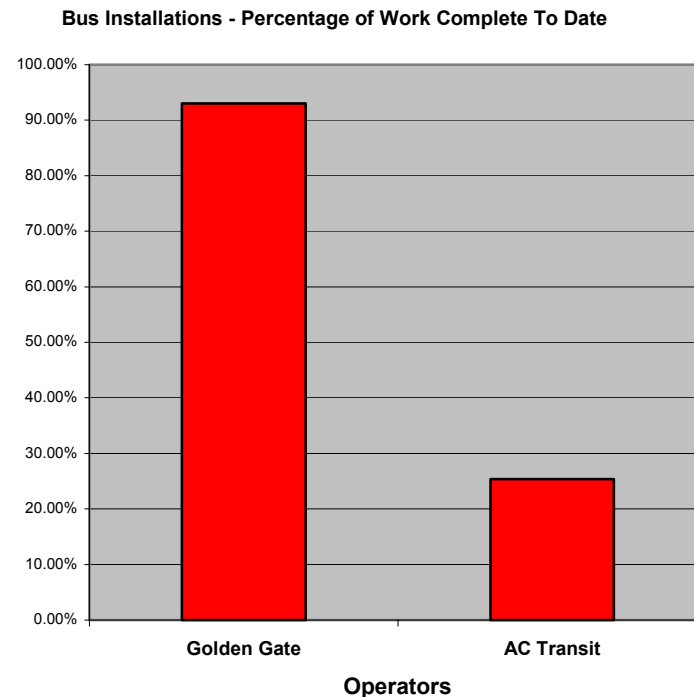


## Site Preparation

- BART HCR network site preparation is pending approval from Motorola/ERG
- VTA Vasona Line and South Line site preparation is complete. Currently working on Tasman Line. Remaining station site prep is proceeding ahead of schedule.
- Caltrain site preparation underway

## Installation

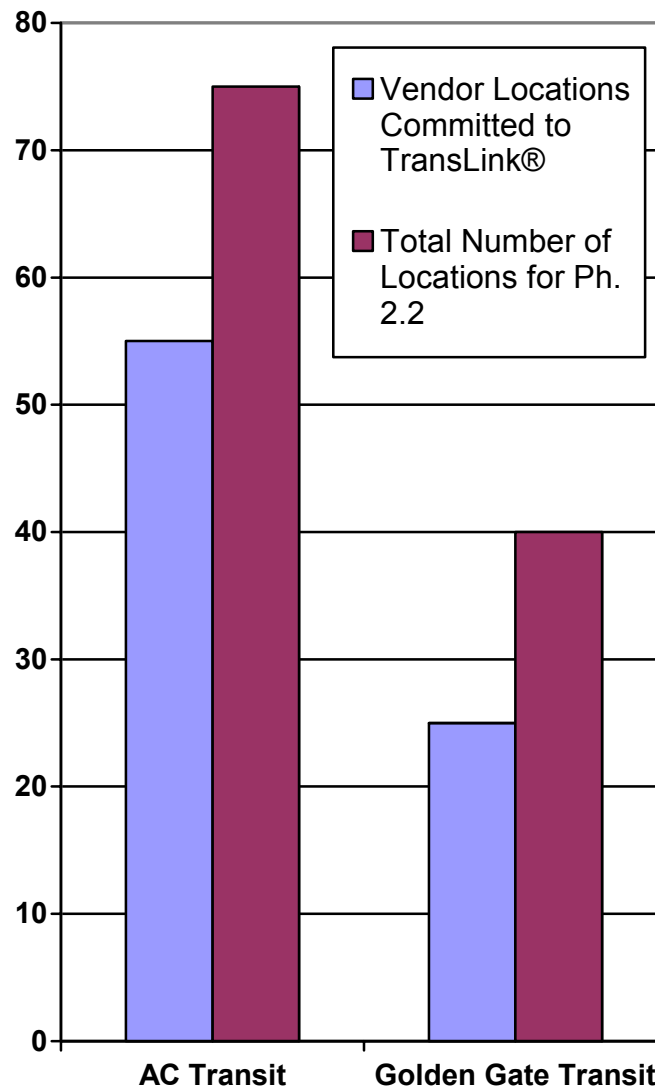
- As of 3/17/2006, 182 of 201 buses fully installed at Golden Gate Transit (includes buses installed for Phase I)
- As of 3/17/2006 117 of 635 buses fully installed at AC Transit
- Network installation complete at Golden Gate and AC Transit
- Network installation underway at VTA





## Distribution

- As of March 24, 2006, the TransLink® Contractor has commitments from with 55 TransLink® point of sale (POS) retailers in AC Transit's service area and 25 in Golden Gate's service area. The chart to the right provides an indication of how many additional locations the Contractor must establish for Phase 2.2.
- MTC and the Contractor are nearing completion of the beta version of the Phase II TransLink® website. Once complete, MTC will present the beta version of the site to a working group that includes operator staff.



## Training

- On-Board Equipment (OBE) and HCR 3 maintenance pilot training courses for AC Transit and are scheduled for March 27<sup>th</sup> and 27<sup>th</sup>. The On-Board Equipment (OBE) maintenance pilot training course for Golden Gate Transit is scheduled for March 24<sup>th</sup>.
- Golden Gate Transit pilot training courses for the HCR 3 and CID 2 operations are scheduled for March 23<sup>rd</sup>.
- Golden Gate Transit AVM pilot training courses are scheduled for next week. AC Transit AVM pilot training courses are scheduled for April 10.

## Marketing

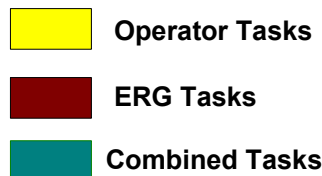
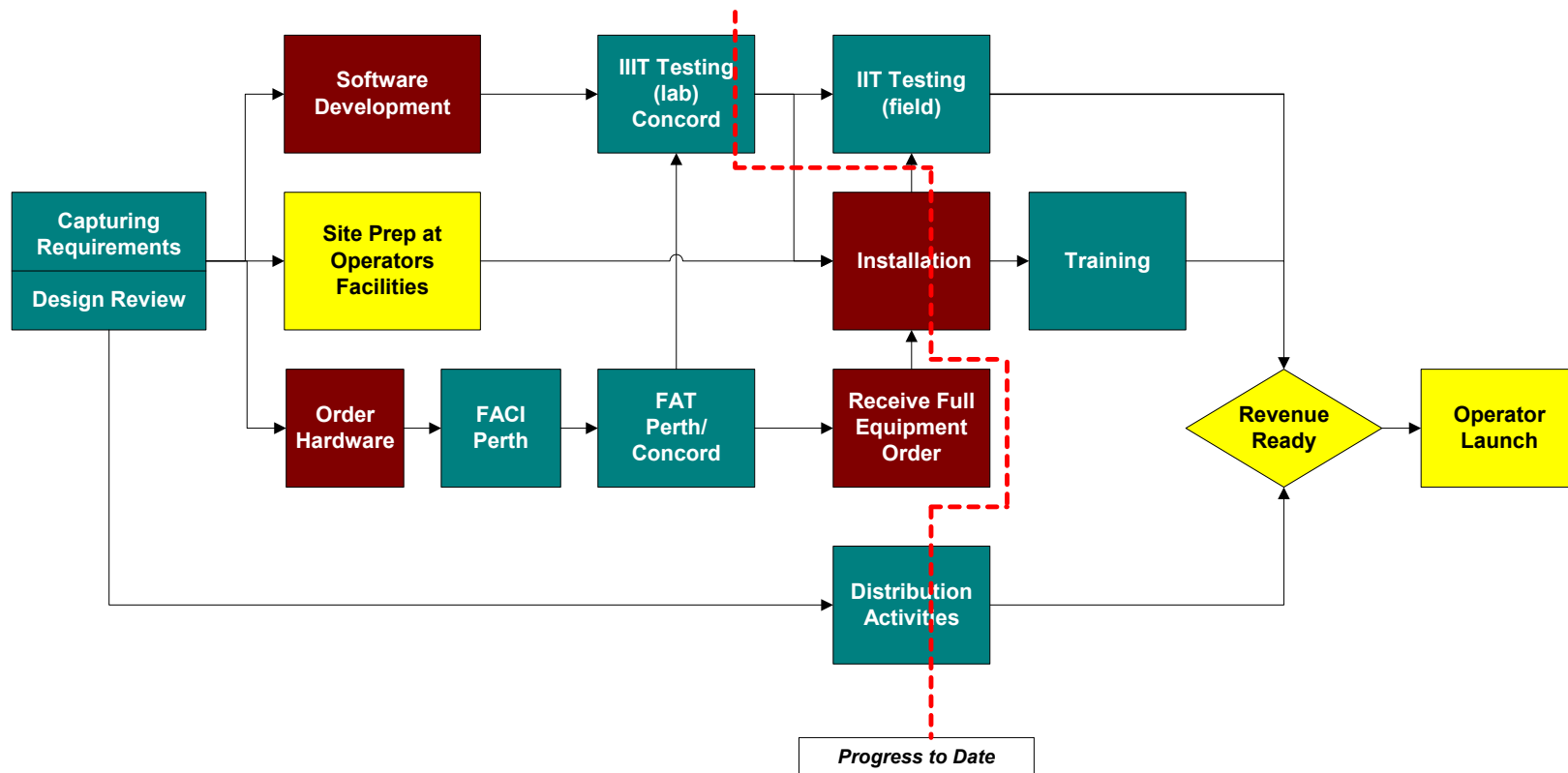
- The Phase 2.2 launch planning group met March 14. The main topic of discussion was holding a single launch event for both AC Transit and Golden Gate Transit. Lag time between AC's and Golden Gate's launch dates continues to be a concern; both agencies feel that their Revenue Ready dates need to be one month apart or less in order for a single event to occur. The PIO's for both agencies are in the process of checking with their management about event logistics and expectations.

## Consortium Information Management System (CIMS)

- A task force from the TransLink® Finance Committee has been formed to investigate and recommend the best approach to splitting the CIMS operating cost.

### III. Agency Flowcharts

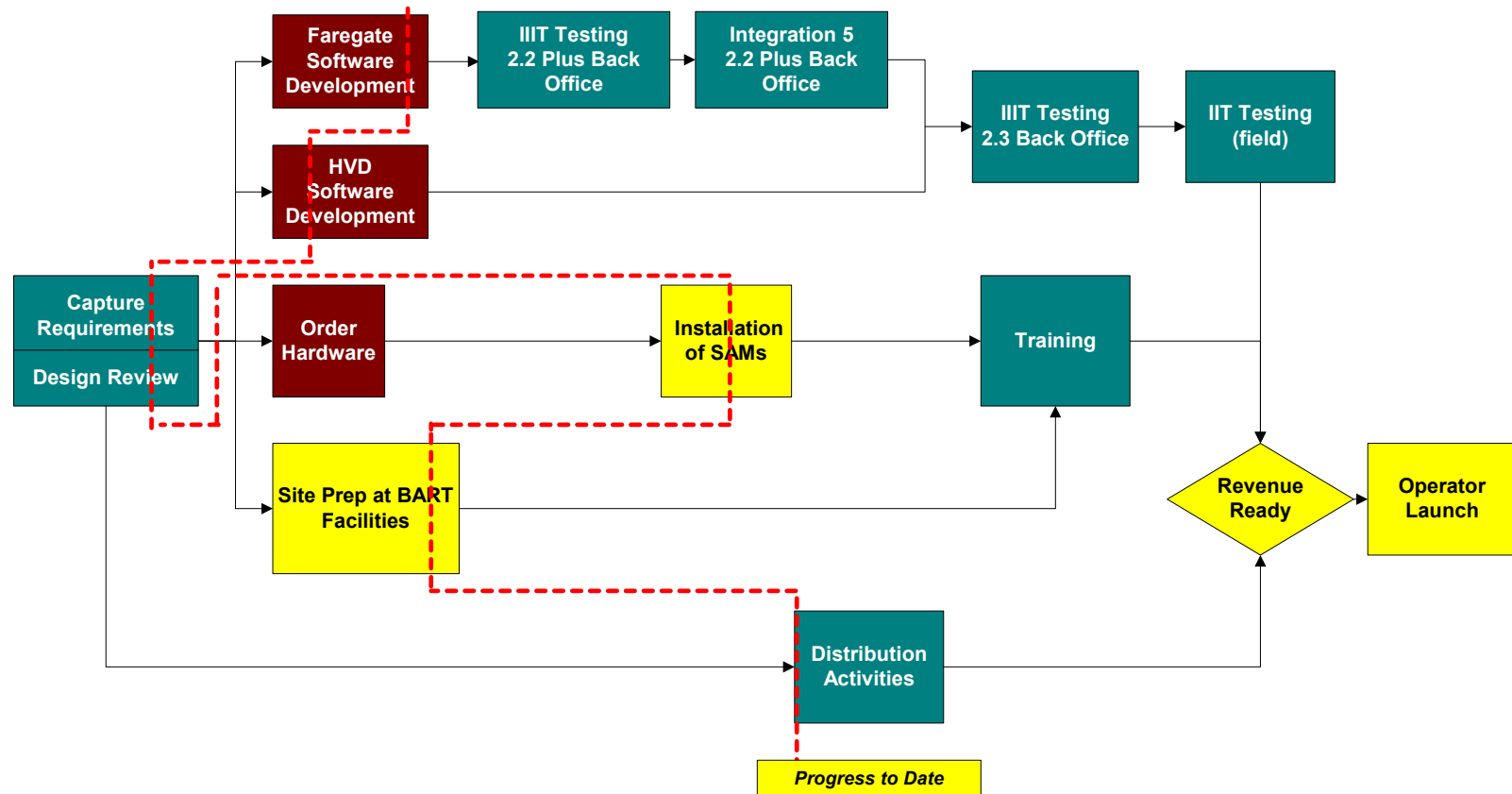
#### AC Transit and Golden Gate



--- Progress to Date (3/27/06)

IIIT - Interface and Integration Inspection and Testing  
 IIT - Installation Inspection and Testing  
 FACI - First Article Configuration Inspection  
 FAT - First Article Testing

## BART



Operator Tasks

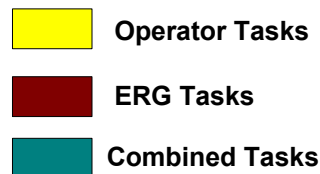
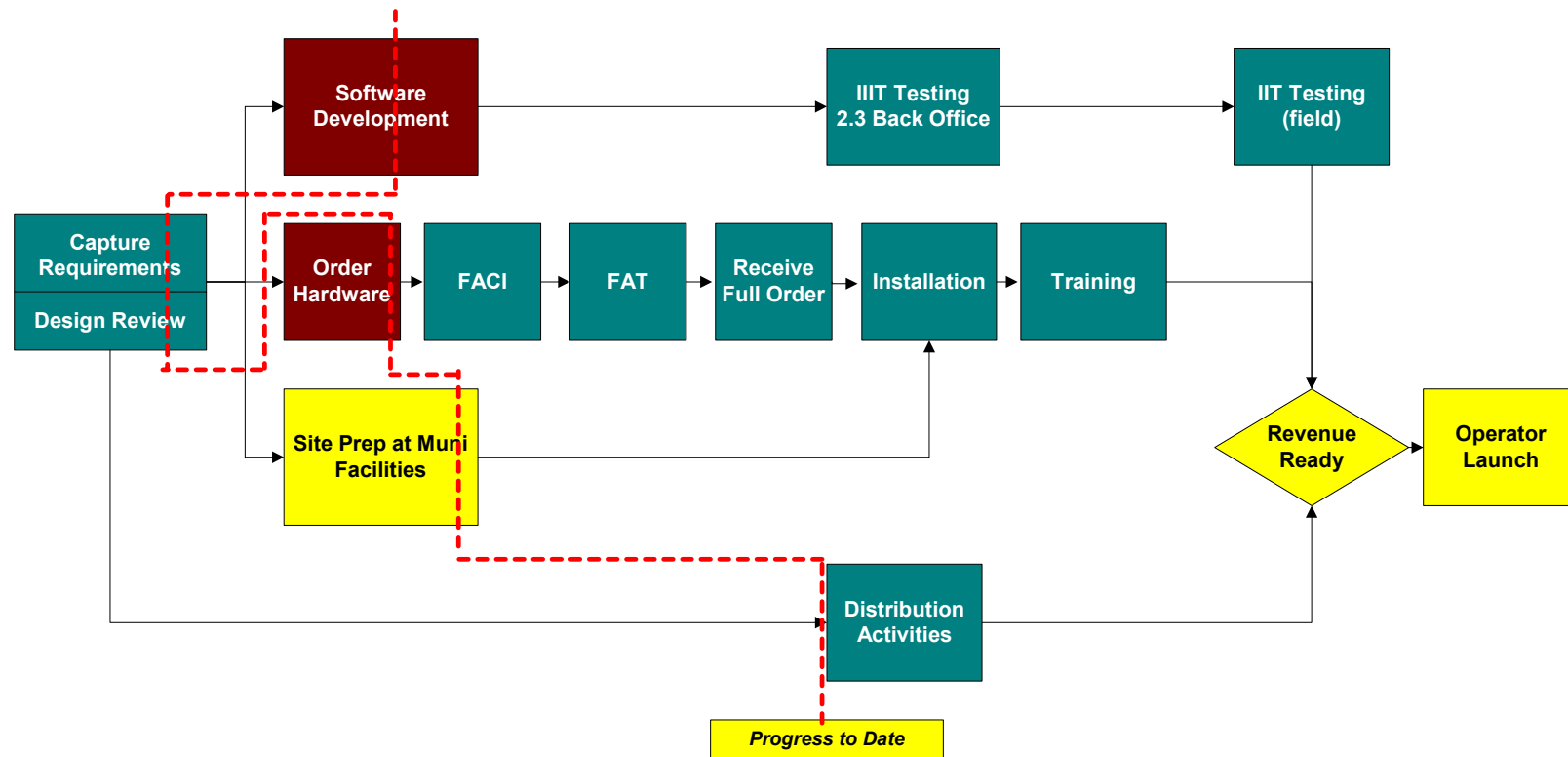
ERG Tasks

Combined Tasks

--- Progress to Date (3/27/06)

IIIT- Interface and Integration Inspection and Testing  
 IIT- Installation Inspection and Testing  
 2.2 Plus - Adds BART basic transactions for the faregates onto the 2.2 back-end  
 2.3 - BART Muni, Caltrain, GGT and ACT all other Phase 1 transactions  
 HVD- High Value Discount

## SFMTA



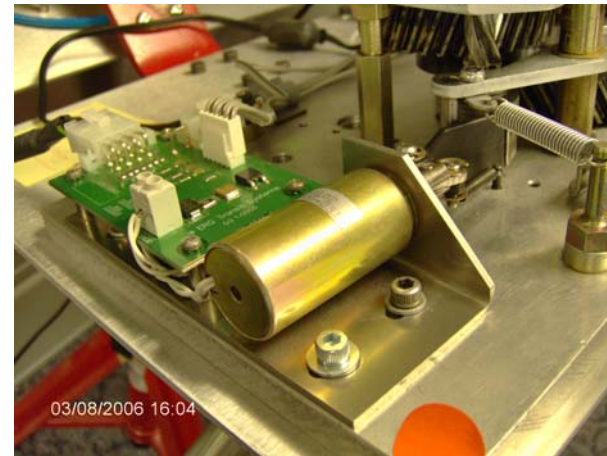
--- Progress to Date (3/27/06)

IIIT- Interface and Integration Inspection and Testing  
 IIT- Installation Inspection and Testing  
 2.3 - BART, Muni, Caltrain, GGT and ACT and all other Phase 1 transactions  
 FACI - First Article Configuration Inspection  
 FAT - First Article Testing

## IV. Progress Photographs



SFMTA Prototype Gate



SFMTA Gate New Hardware



PIOs in Concord



BART Gate Cycling Test

## V. Progress Payments

### Upcoming/Recent TransLink® Contract Milestone Payments (As of March 17, 2006)

Milestone/Cost Description	Projected Cost	Amount Invoiced	Amount Paid	Status
First Article Testing (FAT)	\$83,751	\$0	\$0	
Interface and Integration Inspection and Testing (IIIT)	\$1,142,958	\$0	\$0	
Phase II Manuals and Software Documents	\$451,352	\$408,099	\$0	Milestone not complete
Change Order 34 (Power Management)	\$75,403	\$0	\$0	
Change Order 47 (Data Management)	\$269,521	\$0	\$0	
Change Order 53 (AC Transit Remote Switch)	\$234,301	\$37,476	\$18,767	2nd invoice does not match Contract Table 13-2B
Change Order 54 (Touchscreen TOT)	\$65,124	\$38,308	\$38,308	
Change Order 56 (BART High Value Discount)	\$735,737	\$0	\$0	
Change Order 65 (Phase II Network)	\$11,731	\$0	\$0	
Phase 2.2 Equipment Installation, Inspection, and Testing	\$2,258,592	\$0	\$0	
Revenue Ready Status Progress for AC Transit	\$1,067,245	\$0	\$0	
Revenue Ready Status Progress for Golden Gate Transit	\$1,067,245	\$0	\$0	
<b>Total</b>	<b>\$7,462,959</b>	<b>\$483,884</b>	<b>\$57,075</b>	

#### Notes

1. For budgeting purposes, the projected cost assumes a 3% rate for annual price escalation.



## VII. Future Agenda Items (projected)

	TOG			TMG		
Date	Mar 13	Apr 10	May 8	Mar 27	Apr 24	May 22
Location	AC Transit	BART	MTC	VTA	AC Transit	BART
SamTrans Baseline Sched		A			A	
SamTrans Site Prep		A			A	
Booz Allen Amendment	A			A		
Caltrain Network C.O.	A			A		
RTC Discount Card	A			A		
Marketing Funds Agreement, MTC and AC Transit	A			A		
RTC User Guide	A					
Distribution and POS network				I		
Regional Fare Integration Program				I		

A - Approval  
I - Information

## Appendix: Reference Tables

### Design Review

Documents	Phase 2.2	Phase 2.3	CO-0043	CO-0047	CO-0053	CO-0056	CO-0057	CO-0062
Submitted for MTC Review	123	9	12	4	5	8	1	3
Submitted for Operator Review	123	7	9	4	4	3	0	0
Approved or Waived	123	5	8	3	5	4	1	3
Disapproved	0	1	2	1	0	1	0	1
Total Number of Documents	123	12	25	6	9	16	11	14
Percent Approved	100%	42%	32%	50%	56%	25%	9%	21%

Legend: CO-0043: SFMTA (Muni) Faregate CID Kits  
 CO-0047: Data Store  
 CO-0053: AC Remote Switch – Phase II  
 CO-0056: BART High-Value Discount E-purse  
 CO-0057: Caltrain Dual-tag, Zone-based Fare Structure  
 CO-0062: TOT GUI Improvements

### Expenditures

	Design	Implementation	TransLink® Cards	Equipment	Other	TOTAL
FY 2003	\$581,500	\$1,584,958	\$0	\$0	\$3,200	\$2,169,658
FY 2004	\$622,913	\$1,071,275	\$0	\$3,085,125	\$0	\$4,779,312
FY 2005	\$2,047,522	\$1,136,406	\$1,502,838	\$46,565	\$0	\$4,737,331
FY 2006	\$35,107	\$94,057	\$0	\$0	\$0	\$129,164
<b>TOTAL</b>	<b>\$3,251,935</b>	<b>\$3,792,639</b>	<b>\$1,502,838</b>	<b>\$3,131,690</b>	<b>\$3,200</b>	<b>\$11,682,302</b>

## Change Orders Executed by MTC

CO No.	Title	Description	Net Cost
#0068	Internet Access to Data Store	Provides the equipment required to enable Internet access to the Data Store.	\$45,672
#0070	Phase II Operator Training	Development of three new training courses, customization of training courses by operator, addition of pilot training courses, and inclusion of CID 1 training "rigs".	\$99,899
#0071	Enable CIDs to Display Transfer Expiration Time (Muni)	Modifies the Muni CID displays to show the time that a transfer expires.	\$55,000
#0074	SFMTA (Muni) Van Ness Avenue Documentation	Update design documents to reflect the relocation of SFMTA's headquarters site from 875 Stevenson to 1 Van Ness Avenue.	\$3,243
TOTAL			\$203,814

## Appendix: Abbreviations

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>▪ <b>ACT</b> AC Transit</li><li>▪ <b>AVM</b> Add Value Machine</li><li>▪ <b>CD</b> Configuration Data</li><li>▪ <b>CID</b> Card Interface Device</li><li>▪ <b>CIPP</b> Card Initialization, Printing and Personalization</li><li>▪ <b>FACI</b> First Article Confirmation Inspection</li><li>▪ <b>FAT</b> First Article Testing</li><li>▪ <b>GG</b> Golden Gate</li><li>▪ <b>HCR</b> Hand-held Card Reader</li><li>▪ <b>IIIT</b> Interface and Integration Inspection and Testing</li><li>▪ <b>IIT</b> Installation Inspection and Testing</li><li>▪ <b>OBE</b> On-Board Equipment</li></ul> | <ul style="list-style-type: none"><li>▪ <b>OCMS</b> Operations, Configuration and Management System</li><li>▪ <b>OFS</b> Off-Line Server</li><li>▪ <b>OLS</b> On-Line Server</li><li>▪ <b>OWS</b> Operator Work Station</li><li>▪ <b>PIO</b> Public Information Officer</li><li>▪ <b>RCDA</b> Referential Configuration Data Administrator</li><li>▪ <b>SAM</b> Security Access Module</li><li>▪ <b>TDS</b> TransLink Data Server</li><li>▪ <b>TOT</b> Ticket Office Terminal</li><li>▪ <b>TRU</b> TransLink Retail Unit</li><li>▪ <b>UD</b> Usage Data</li></ul> |
|--|---|